

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L16	112	(US-20020118920-\$ or US-20020134138-\$ or US-20020154413-\$ or US-20020191911-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030076598-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-3980391-\$ or US-4021099-\$ or US-4050782-\$ or US-4102559-\$ or US-4128302-\$ or US-4178066-\$ or US-4181439-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4406732-\$ or US-4449535-\$ or US-4479697-\$ or US-4496211-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$).did. or (US-4773722-\$ or US-4816670-\$ or US-4818049-\$ or US-4818860-\$ or US-4830454-\$ or US-4834484-\$ or US-4842390-\$ or US-4846543-\$ or US-4892375-\$ or US-4914284-\$ or US-4957342-\$ or US-4961622-\$ or US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5101457-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5402510-\$ or US-5432880-\$).did. or (US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5815318-\$ or US-5896475-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6075650-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6349159-\$ or US-6366126-\$ or US-6438290-\$ or US-6445844-\$ or US-6469835-\$ or US-6490040-\$).did. or (US-6500000-\$ or US-6500001-\$ or US-6500002-\$ or US-6500003-\$ or US-6500004-\$ or US-6500005-\$ or US-6500006-\$ or US-6500007-\$ or US-6500008-\$ or US-6500009-\$ or US-6500010-\$ or US-6500011-\$ or US-6500012-\$ or US-6500013-\$ or US-6500014-\$ or US-6500015-\$ or US-6500016-\$ or US-6500017-\$ or US-6500018-\$ or US-6500019-\$ or US-6500020-\$ or US-6500021-\$ or US-6500022-\$ or US-6500023-\$ or US-6500024-\$ or US-6500025-\$ or US-6500026-\$ or US-6500027-\$ or US-6500028-\$ or US-6500029-\$ or US-6500030-\$ or US-6500031-\$ or US-6500032-\$ or US-6500033-\$ or US-6500034-\$ or US-6500035-\$ or US-6500036-\$ or US-6500037-\$ or US-6500038-\$ or US-6500039-\$ or US-6500040-\$ or US-6500041-\$ or US-6500042-\$ or US-6500043-\$ or US-6500044-\$ or US-6500045-\$ or US-6500046-\$ or US-6500047-\$ or US-6500048-\$ or US-6500049-\$ or US-6500050-\$ or US-6500051-\$ or US-6500052-\$ or US-6500053-\$ or US-6500054-\$ or US-6500055-\$ or US-6500056-\$ or US-6500057-\$ or US-6500058-\$ or US-6500059-\$ or US-6500060-\$ or US-6500061-\$ or US-6500062-\$ or US-6500063-\$ or US-6500064-\$ or US-6500065-\$ or US-6500066-\$ or US-6500067-\$ or US-6500068-\$ or US-6500069-\$ or US-6500070-\$ or US-6500071-\$ or US-6500072-\$ or US-6500073-\$ or US-6500074-\$ or US-6500075-\$ or US-6500076-\$ or US-6500077-\$ or US-6500078-\$ or US-6500079-\$ or US-6500080-\$ or US-6500081-\$ or US-6500082-\$ or US-6500083-\$ or US-6500084-\$ or US-6500085-\$ or US-6500086-\$ or US-6500087-\$ or US-6500088-\$ or US-6500089-\$ or US-6500090-\$ or US-6500091-\$ or US-6500092-\$ or US-6500093-\$ or US-6500094-\$ or US-6500095-\$ or US-6500096-\$ or US-6500097-\$ or US-6500098-\$ or US-6500099-\$ or US-6500100-\$ or US-6500101-\$ or US-6500102-\$ or US-6500103-\$ or US-6500104-\$ or US-6500105-\$ or US-6500106-\$ or US-6500107-\$ or US-6500108-\$ or US-6500109-\$ or US-6500110-\$ or US-6500111-\$ or US-6500112-\$ or US-6500113-\$ or US-6500114-\$ or US-6500115-\$ or US-6500116-\$ or US-6500117-\$ or US-6500118-\$ or US-6500119-\$ or US-6500120-\$ or US-6500121-\$ or US-6500122-\$ or US-6500123-\$ or US-6500124-\$ or US-6500125-\$ or US-6500126-\$ or US-6500127-\$ or US-6500128-\$ or US-6500129-\$ or US-6500130-\$ or US-6500131-\$ or US-6500132-\$ or US-6500133-\$ or US-6500134-\$ or US-6500135-\$ or US-6500136-\$ or US-6500137-\$ or US-6500138-\$ or US-6500139-\$ or US-6500140-\$ or US-6500141-\$ or US-6500142-\$ or US-6500143-\$ or US-6500144-\$ or US-6500145-\$ or US-6500146-\$ or US-6500147-\$ or US-6500148-\$ or US-6500149-\$ or US-6500150-\$ or US-6500151-\$ or US-6500152-\$ or US-6500153-\$ or US-6500154-\$ or US-6500155-\$ or US-6500156-\$ or US-6500157-\$ or US-6500158-\$ or US-6500159-\$ or US-6500160-\$ or US-6500161-\$ or US-6500162-\$ or US-6500163-\$ or US-6500164-\$ or US-6500165-\$ or US-6500166-\$ or US-6500167-\$ or US-6500168-\$ or US-6500169-\$ or US-6500170-\$ or US-6500171-\$ or US-6500172-\$ or US-6500173-\$ or US-6500174-\$ or US-6500175-\$ or US-6500176-\$ or US-6500177-\$ or US-6500178-\$ or US-6500179-\$ or US-6500180-\$ or US-6500181-\$ or US-6500182-\$ or US-6500183-\$ or US-6500184-\$ or US-6500185-\$ or US-6500186-\$ or US-6500187-\$ or US-6500188-\$ or US-6500189-\$ or US-6500190-\$ or US-6500191-\$ or US-6500192-\$ or US-6500193-\$ or US-6500194-\$ or US-6500195-\$ or US-6500196-\$ or US-6500197-\$ or US-6500198-\$ or US-6500199-\$ or US-6500200-\$ or US-6500201-\$ or US-6500202-\$ or US-6500203-\$ or US-6500204-\$ or US-6500205-\$ or US-6500206-\$ or US-6500207-\$ or US-6500208-\$ or US-6500209-\$ or US-6500210-\$ or US-6500211-\$ or US-6500212-\$ or US-6500213-\$ or US-6500214-\$ or US-6500215-\$ or US-6500216-\$ or US-6500217-\$ or US-6500218-\$ or US-6500219-\$
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L17	75	L16 and (detector or photo\$diode or receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:36
L18	82	L16 and (detector or photo\$diode or receiver or photo\$detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 09:35
L19	7	L18 not L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 09:35
L20	81	L16 and focus\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:09
L21	59	L20 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:09
L22	10	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with radius)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:09
L23	222	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with (distance or length))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 10:45
L24	88	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:03

L25	3	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same (power with distance) same splic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:05
L26	22	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same distance same splic\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:05
L27	395	(optical adj fiber) same (detector or photo\$diode or photo\$detector) same ((light or signal) with (annular or ring))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:10
L28	229	(optical adj fiber) same ((detector or photo\$diode or photo\$detector) with ((light or signal) with (annular or ring)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:24
L29	1	(optical adj fiber) same ((detector or photo\$diode or photo\$detector) with power with splic\$4 with tap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:27
L30	91	(optical adj fiber) same ((detector or photo\$diode or photo\$detector) with power with tap\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:27
L31	1352	(optical adj fiber) with (end or butt) with coupl\$3 with (detector or photo\$diode or photo\$detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:28
L32	67	(optical adj fiber) with (end or butt) with coupl\$3 with (detector or photo\$diode or photo\$detector) with power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:32

L33	6	(optical adj fiber) with end with (detector or photo\$diode or photo\$detector) with power with (legth or distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:36
L34	1195	optical with power with detector with fiber	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 11:36
L37	82	L16 and (detector or photo\$diode or receiver or photo\$detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:29
L38	81	L16 and focus\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:29
L39	29	L16 and (focal adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:31
L40	22	L39 and L37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 13:31

S2	97	("5596198" "4776340" "5266811" "5281805" "5640380" "4315147" "5250796" "5475210" "5652655" "5761229" "5771254" "4387973" "4433913" "4596466" "4800269" "5206708" "5293393" "5305294" "5346789" "5394385" "5448161" "5470690" "5530577" "5809050" "5835514" "5953477" "6094265" "6144791" "6174424" "6199985" "6222970" "6222970" "4357104" "4370058" "4464572" "4468093" "4551629" "4596051" "4595839" "4597349" "4763969" "4826316" "4876569" "4929822" "4947036" "5216248" "5229806" "5247493" "5293372" "5499098").pn. ("5555339" "5568458" "5581094" "5598394" "5612780" "5631885" "5719948" "5740148" "5867586" "5910837" "5956139" "6043482" "6115555" "6172745" "6175409" "6211996" "6219475" "6211996" "6219475" "6243509" "4256403" "4271536" "4277846" "4282408" "4300133" "4333178" "4365864" "4380240" "4451785" "4463253" "4505572" "4510938" "4511248" "4516252" "4516022" "4518259" "4521681" "4532634" "4553848" "4577189" "4591241" "4596460" "4604637" "4609816" "4611124" "4628197" "4629903" "4762418" "4764015" "4783852").pn.	USPAT	OR	OFF	2004/12/08 14:40
S3	19	("5953477").URPN.	USPAT	OR	OFF	2004/12/08 14:49
S4	35	("3796905" "3874783" "3906241" "3910677" "4191446" "4380365" "4449535" "4573761" "4615581" "4654532" "4707134" "4812003" "4816670" "4914284" "4919891" "4979797" "4995691" "5011254" "5011279" "5037180" "5074632" "5112127" "5146917" "5166756" "5196005" "5253312" "5263952" "5269777" "5330465" "5402508" "5404218" "5421928" "5432880" "5710626" "5764840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/08 15:12

S5	9	((("6253004") or ("4834484") or ("4961622") or ("5052772") or ("5896475") or ("3419321") or ("3848970") or ("3980391") or ("4128302"))).PN.	US-PGPUB; USPAT	OR	OFF	2004/12/08 15:19
S6	2	S5 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:26
S7	92	(US-20020110320-\$ or US-20030072526-\$ or US-20040114860-\$).did. or (US-1202223-\$ or US-2101016-\$ or US-2405989-\$ or US-2458401-\$ or US-3419321-\$ or US-3547526-\$ or US-3848970-\$ or US-3980391-\$ or US-4027945-\$ or US-4099848-\$ or US-4128302-\$ or US-4181439-\$ or US-4314760-\$ or US-4476519-\$ or US-4483585-\$ or US-4505539-\$ or US-4556787-\$ or US-4576436-\$ or US-4771415-\$ or US-4834484-\$ or US-4961622-\$ or US-4963022-\$ or US-4997250-\$ or US-5052772-\$ or US-5293395-\$ or US-5418631-\$).did. or (US-5604592-\$ or US-5612099-\$ or US-5638396-\$ or US-5729024-\$ or US-5781304-\$ or US-5793489-\$ or US-5814152-\$ or US-5818062-\$ or US-5835514-\$ or US-5896475-\$ or US-5929436-\$ or US-5956143-\$ or US-5970189-\$ or US-5974211-\$ or US-6108497-\$ or US-6360039-\$ or US-6496621-\$ or US-6536959-\$ or US-6567584-\$ or US-6780274-\$).did. or (WO-200205004-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:26

S8	46	(US-20020110320-\$ or US-20030072526-\$ or US-20040114860-\$).did. or (US-1202223-\$ or US-2101016-\$ or US-2405989-\$ or US-2458401-\$ or US-3419321-\$ or US-3547526-\$ or US-3848970-\$ or US-3980391-\$ or US-4027945-\$ or US-4099848-\$ or US-4128302-\$ or US-4181439-\$ or US-4314760-\$ or US-4476519-\$ or US-4483585-\$ or US-4505539-\$ or US-4556787-\$ or US-4576436-\$ or US-4771415-\$ or US-4834484-\$ or US-4961622-\$ or US-4963022-\$ or US-4997250-\$ or US-5052772-\$ or US-5293395-\$ or US-5418631-\$).did. or (US-5604592-\$ or US-5612099-\$ or US-5638396-\$ or US-5729024-\$ or US-5781304-\$ or US-5793489-\$ or US-5814152-\$ or US-5818062-\$ or US-5835514-\$ or US-5896475-\$ or US-5929436-\$ or US-5956143-\$ or US-5970189-\$ or US-5974211-\$ or US-6108497-\$ or US-6360039-\$ or US-6496621-\$ or US-6536959-\$ or US-6567584-\$ or US-6780274-\$).did. or (WO-200205004-\$).did.	USPAT	OR	OFF	2004/12/08 15:25
S9	30	S7 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S10	2	("6496621").URPN.	USPAT	OR	OFF	2004/12/08 15:36
S11	6	("5381499" "5504826" "5661835" "5963696" "6064786" "6264377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/08 15:37
S12	964	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:18
S13	27	S12 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 15:45
S14	0	("2004/0047535").URPN.	USPAT	OR	OFF	2004/12/08 15:58

S15	83	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:47
S16	66	S15 not S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:27
S17	60	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/08 16:47

S18	0	S17 and (((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:47
S19	225	((fiber\$1 or fibre\$1 or wave\$guide\$1) and (back with reflect\$5)).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S20	51	S19 and (detector\$1 or sensor\$1 or photo\$detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 17:34
S21	964	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S22	27	S21 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S23	83	(((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16
S24	66	S23 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:16

S25	60	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 08:16
S26	870	S21 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:20
S27	110	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) and ((optical with (fiber\$1 or fibre\$1) or wave\$guide\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:19

S28	110	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector or sensor or photo\$detector or (photo near2 detector)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:25
S29	27	S28 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:25
S30	129	((flat or planar or plano) and (convex or curve\$1 or spheric\$1 or round\$2)) with len\$2)) same ((detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:45
S31	46	S30 not (S25 or S24 or S22)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:47
S32	16728	len\$2 same (detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) and ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:48
S33	16585	S32 not (S25 or S24 or S22 or S30 or S31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:47
S34	2366	S33 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S35	384	S33 and 385/33,35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49

S36	8882	len\$2 same (detector\$1 or sensor\$1 or photo\$detector\$1 or (photo near2 detector\$1)) same ((optical with (fiber\$1 or fibre\$1)) or wave\$guide\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:48
S37	1691	S36 and "385"/.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S38	292	S36 and 385/33,35.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 08:49
S39	98	S38 and (back with (reflect\$4 or coupl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 10:26
S40	8	("5546486").URPN.	USPAT	OR	OFF	2004/12/09 09:08
S41	6	("3883353" "4581528" "4747660" "4812005" "5073002" "5208876").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 09:09
S42	0	("2004/0126059").URPN.	USPAT	OR	OFF	2004/12/09 09:39
S43	153	S38 not S39	USPAT	OR	OFF	2004/12/09 09:39
S44	6	("4830454").URPN.	USPAT	OR	OFF	2004/12/09 09:45
S45	5	("3628027" "4256365" "4380365" "4721353" "4753521").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/09 09:46

S46	80	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$ or US-20030138210-\$ or US-20030053751-\$ or US-20020118920-\$ or US-20030012513-\$ or US-20040101247-\$ or US-20040126059-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$ or US-5013120-\$ or US-6168319-\$ or US-4021099-\$ or US-4050782-\$).did. or (US-4290667-\$ or US-4479697-\$ or US-4978190-\$ or US-5546486-\$ or US-6469835-\$ or US-4637681-\$ or US-4773722-\$ or US-4830454-\$ or US-5900986-\$ or US-4957342-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 10:24
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S47	38	S46 and (back with (reflect\$4 or coupl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
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S48	80	(US-20030072526-\$ or US-20040047535-\$ or US-20020134138-\$ or US-20030016420-\$ or US-20030067049-\$ or US-20030113231-\$ or US-20040160682-\$ or US-20030138210-\$ or US-20030053751-\$ or US-20020118920-\$ or US-20030012513-\$ or US-20040101247-\$ or US-20040126059-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4516252-\$ or US-4591241-\$ or US-4596460-\$ or US-4763969-\$ or US-4764015-\$ or US-4816670-\$ or US-4914284-\$ or US-5011254-\$ or US-5011279-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5598394-\$ or US-5631885-\$).did. or (US-5652655-\$ or US-5764840-\$ or US-5953477-\$ or US-6144791-\$ or US-6172745-\$ or US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6366726-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6496621-\$ or US-6822794-\$ or US-5963696-\$ or US-4818860-\$ or US-4572669-\$ or US-4755054-\$ or US-5436719-\$ or US-5946084-\$ or US-6320184-\$ or US-6490040-\$ or US-6538736-\$ or US-5013120-\$ or US-6168319-\$ or US-4021099-\$ or US-4050782-\$).did. or (US-4290667-\$ or US-4479697-\$ or US-4978190-\$ or US-5546486-\$ or US-6469835-\$ or US-4637681-\$ or US-4773722-\$ or US-4830454-\$ or US-5900986-\$ or US-4957342-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/09 13:36
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S49	26	S48 and (annular or ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
S50	13	S48 and ((annular or ring) with light\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 13:36
S52	32	US-6536959-\$.DID. OR US-3271631-\$.DID. OR US-3936742-\$.DID. OR US-4408871-\$.DID. OR US-4490618-\$.DID. OR US-4678269-\$.DID. OR US-4681414-\$.DID. OR US-4755036-\$.DID. OR US-4765703-\$.DID. OR US-4816912-\$.DID. OR US-4818058-\$.DID. OR US-4829537-\$.DID. OR US-4842390-\$.DID. OR US-4894785-\$.DID. OR US-4935029-\$.DID. OR US-4943128-\$.DID. OR US-4976727-\$.DID. OR US-5001323-\$.DID. OR US-5029101-\$.DID. OR US-5029973-\$.DID. OR US-5047076-\$.DID. OR US-5170406-\$.DID. OR US-5312398-\$.DID. OR US-5354323-\$.DID. OR US-5400145-\$.DID. OR US-5402258-\$.DID. OR US-5404869-\$.DID. OR US-5414600-\$.DID. OR US-5415652-\$.DID. OR US-5430634-\$.DID. OR US-5458594-\$.DID. OR US-5467104-\$.DID.	USPAT	OR	ON	2005/06/21 15:29

S53	32	US-5470314-\$.DID. OR US-5491344-\$.DID. OR US-5495576-\$.DID. OR US-5509095-\$.DID. OR US-5530709-\$.DID. OR US-5577492-\$.DID. OR US-5594752-\$.DID. OR US-5596339-\$.DID. OR US-5600126-\$.DID. OR US-5613769-\$.DID. OR US-5659327-\$.DID. OR US-5676453-\$.DID. OR US-5677920-\$.DID. OR US-5773817-\$.DID. OR US-5777342-\$.DID. OR US-5790576-\$.DID. OR US-5793783-\$.DID. OR US-5799543-\$.DID. OR US-5802092-\$.DID. OR US-5806955-\$.DID. OR US-5832055-\$.DID. OR US-5836667-\$.DID. OR US-5861995-\$.DID. OR US-5866911-\$.DID. OR US-5936777-\$.DID. OR US-5952668-\$.DID. OR US-5993466-\$.DID. OR US-5993467-\$.DID. OR US-5998215-\$.DID. OR US-6008781-\$.DID. OR US-6075650-\$.DID. OR US-6139517-\$.DID.	USPAT	OR	ON	2005/06/21 15:35
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S54	32	US-6160916-\$.DID. OR US-6186648-\$.DID. OR US-6222864-\$.DID. OR US-6254563-\$.DID. OR US-6259104-\$.DID. OR US-6317103-\$.DID. OR US-6324326-\$.DID. OR US-6349159-\$.DID. OR US-6356572-\$.DID. OR US-6366338-\$.DID. OR US-6410213-\$.DID. OR US-6411835-\$.DID. OR US-4317085-\$.DID. OR US-4466694-\$.DID. OR US-4660207-\$.DID. OR US-4675058-\$.DID. OR US-4784722-\$.DID. OR US-4885592-\$.DID. OR US-4901327-\$.DID. OR US-4943970-\$.DID. OR US-4956844-\$.DID. OR US-5031187-\$.DID. OR US-5052016-\$.DID. OR US-5056098-\$.DID. OR US-5062115-\$.DID. OR US-5068869-\$.DID. OR US-5079774-\$.DID. OR US-5115442-\$.DID. OR US-5117469-\$.DID. OR US-5140605-\$.DID. OR US-5157537-\$.DID. OR US-5158908-\$.DID.	USPAT	OR	ON	2005/06/21 15:36
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S55	32	US-5212706-\$.DID. OR US-5216263-\$.DID. OR US-5216680-\$.DID. OR US-5237581-\$.DID. OR US-5245622-\$.DID. OR US-5258990-\$.DID. OR US-5262360-\$.DID. OR US-5285466-\$.DID. OR US-5293392-\$.DID. OR US-5317170-\$.DID. OR US-5317587-\$.DID. OR US-5325386-\$.DID. OR US-5331654-\$.DID. OR US-5737074-\$.DID. OR US-5737183-\$.DID. OR US-5349599-\$.DID. OR US-5351256-\$.DID. OR US-5359447-\$.DID. OR US-5359618-\$.DID. OR US-5363397-\$.DID. OR US-5373520-\$.DID. OR US-5773522-\$.DID. OR US-5376580-\$.DID. OR US-5386426-\$.DID. OR US-5390209-\$.DID. OR US-5796508-\$.DID. OR US-5404373-\$.DID. OR US-5412678-\$.DID. OR US-5412680-\$.DID. OR US-5416044-\$.DID. OR US-5428634-\$.DID. OR US-5438584-\$.DID.	USPAT	OR	ON	2005/06/21 15:36
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S56	32	US-5446754-\$.DID. OR US-5465263-\$.DID. OR US-5475701-\$.DID. OR US-5493577-\$.DID. OR US-5497390-\$.DID. OR US-5513202-\$.DID. OR US-5530715-\$.DID. OR US-5555255-\$.DID. OR US-5557626-\$.DID. OR US-5561683-\$.DID. OR US-5567980-\$.DID. OR US-5568498-\$.DID. OR US-5568499-\$.DID. OR US-5574738-\$.DID. OR US-5581571-\$.DID. OR US-5586131-\$.DID. OR US-5590145-\$.DID. OR US-5598100-\$.DID. OR US-5606572-\$.DID. OR US-5625729-\$.DID. OR US-5642376-\$.DID. OR US-5645462-\$.DID. OR US-5646978-\$.DID. OR US-5648978-\$.DID. OR US-5679963-\$.DID. OR US-5692083-\$.DID. OR US-5696023-\$.DID. OR US-5699373-\$.DID. OR US-5712188-\$.DID. OR US-5726805-\$.DID. OR US-5727013-\$.DID. OR US-5727014-\$.DID.	USPAT	OR	ON	2005/06/21 15:37
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S57	32	US-5774487-\$.DID. OR US-5778018-\$.DID. OR US-5781575-\$.DID. OR US-5784399-\$.DID. OR US-4790733-\$.DID. OR US-5805624-\$.DID. OR US-5818066-\$.DID. OR US-5828684-\$.DID. OR US-5838705-\$.DID. OR US-5838715-\$.DID. OR US-5892784-\$.DID. OR US-5892727-\$.DID. OR US-5896408-\$.DID. OR US-5901166-\$.DID. OR US-5903588-\$.DID. OR US-5903589-\$.DID. OR US-5903590-\$.DID. OR US-5908408-\$.DID. OR US-5936266-\$.DID. OR US-5940422-\$.DID. OR US-5953362-\$.DID. OR US-5978401-\$.DID. OR US-5978408-\$.DID. OR US-5995531-\$.DID. OR US-6002705-\$.DID. OR US-6008675-\$.DID. OR US-6014395-\$.DID. OR US-6043104-\$.DID. OR US-6046065-\$.DID. OR US-6055262-\$.DID. OR US-6052398-\$.DID. OR US-6060743-\$.DID.	USPAT	OR	ON	2005/06/21 15:37
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S58	32	US-6078601-\$.DID. OR US-6086263-\$.DID. OR US-6133590-\$.DID. OR US-6144682-\$.DID. OR US-6154480-\$.DID. OR US-6185241-\$.DID. OR US-6191890-\$.DID. OR US-6208681-\$.DID. OR US-6212312-\$.DID. OR US-6238944-\$.DID. OR US-6269109-\$.DID. OR US-6297068-\$.DID. OR US-6302596-\$.DID. OR US-6339496-\$.DID. OR US-6369403-\$.DID. OR US-6372533-\$.DID. OR US-6392257-\$.DID. OR US-6410941-\$.DID. OR US-6411638-\$.DID. OR US-6427066-\$.DID. OR US-6455879-\$.DID. OR US-6459709-\$.DID. OR US-6459713-\$.DID. OR US-6462360-\$.DID. OR US-6472694-\$.DID. OR US-6477285-\$.DID. OR US-6487230-\$.DID. OR US-6487231-\$.DID. OR US-6490711-\$.DID. OR US-6493371-\$.DID. OR US-6493372-\$.DID. OR US-6493173-\$.DID.	USPAT	OR	ON	2005/06/21 15:38
S59	8	US-6496621-\$.DID. OR US-6498358-\$.DID. OR US-6501973-\$.DID. OR US-6515308-\$.DID. OR US-6535541-\$.DID. OR US-6542531-\$.DID. OR US-6567435-\$.DID. OR US-6536959-\$.DID.	USPAT	OR	ON	2005/06/21 15:38
S60	2	((("20010004414") or ("20030072526"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/21 15:39
S61	233	S52 S53 S54 S55 S56 S57 S58 S59 S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 15:40

S62	32	US-6536959-\$.DID. OR US-3271631-\$.DID. OR US-3936742-\$.DID. OR US-4408871-\$.DID. OR US-4490618-\$.DID. OR US-4678269-\$.DID. OR US-4681414-\$.DID. OR US-4755036-\$.DID. OR US-4765703-\$.DID. OR US-4816912-\$.DID. OR US-4818058-\$.DID. OR US-4829537-\$.DID. OR US-4842390-\$.DID. OR US-4894785-\$.DID. OR US-4935029-\$.DID. OR US-4943128-\$.DID. OR US-4976727-\$.DID. OR US-5001323-\$.DID. OR US-5029101-\$.DID. OR US-5029973-\$.DID. OR US-5047076-\$.DID. OR US-5170406-\$.DID. OR US-5312398-\$.DID. OR US-5354323-\$.DID. OR US-5400145-\$.DID. OR US-5402258-\$.DID. OR US-5404869-\$.DID. OR US-5414600-\$.DID. OR US-5415652-\$.DID. OR US-5430634-\$.DID. OR US-5458594-\$.DID. OR US-5467104-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S63	32	US-5470314-\$.DID. OR US-5491344-\$.DID. OR US-5495576-\$.DID. OR US-5509095-\$.DID. OR US-5530709-\$.DID. OR US-5577492-\$.DID. OR US-5594752-\$.DID. OR US-5596339-\$.DID. OR US-5600126-\$.DID. OR US-5613769-\$.DID. OR US-5659327-\$.DID. OR US-5676453-\$.DID. OR US-5677920-\$.DID. OR US-5773817-\$.DID. OR US-5777342-\$.DID. OR US-5790576-\$.DID. OR US-5793783-\$.DID. OR US-5799543-\$.DID. OR US-5802092-\$.DID. OR US-5806955-\$.DID. OR US-5832055-\$.DID. OR US-5836667-\$.DID. OR US-5861995-\$.DID. OR US-5866911-\$.DID. OR US-5936777-\$.DID. OR US-5952668-\$.DID. OR US-5993466-\$.DID. OR US-5993467-\$.DID. OR US-5998215-\$.DID. OR US-6008781-\$.DID. OR US-6075650-\$.DID. OR US-6139517-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S64	32	US-6160916-\$.DID. OR US-6186648-\$.DID. OR US-6222864-\$.DID. OR US-6254563-\$.DID. OR US-6259104-\$.DID. OR US-6317103-\$.DID. OR US-6324326-\$.DID. OR US-6349159-\$.DID. OR US-6356572-\$.DID. OR US-6366338-\$.DID. OR US-6410213-\$.DID. OR US-6411835-\$.DID. OR US-4317085-\$.DID. OR US-4466694-\$.DID. OR US-4660207-\$.DID. OR US-4675058-\$.DID. OR US-4784722-\$.DID. OR US-4885592-\$.DID. OR US-4901327-\$.DID. OR US-4943970-\$.DID. OR US-4956844-\$.DID. OR US-5031187-\$.DID. OR US-5052016-\$.DID. OR US-5056098-\$.DID. OR US-5062115-\$.DID. OR US-5068869-\$.DID. OR US-5079774-\$.DID. OR US-5115442-\$.DID. OR US-5117469-\$.DID. OR US-5140605-\$.DID. OR US-5157537-\$.DID. OR US-5158908-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S65	32	US-5212706-\$.DID. OR US-5216263-\$.DID. OR US-5216680-\$.DID. OR US-5237581-\$.DID. OR US-5245622-\$.DID. OR US-5258990-\$.DID. OR US-5262360-\$.DID. OR US-5285466-\$.DID. OR US-5293392-\$.DID. OR US-5317170-\$.DID. OR US-5317587-\$.DID. OR US-5325386-\$.DID. OR US-5331654-\$.DID. OR US-5737074-\$.DID. OR US-5737183-\$.DID. OR US-5349599-\$.DID. OR US-5351256-\$.DID. OR US-5359447-\$.DID. OR US-5359618-\$.DID. OR US-5363397-\$.DID. OR US-5373520-\$.DID. OR US-5773522-\$.DID. OR US-5376580-\$.DID. OR US-5386426-\$.DID. OR US-5390209-\$.DID. OR US-5796508-\$.DID. OR US-5404373-\$.DID. OR US-5412678-\$.DID. OR US-5412680-\$.DID. OR US-5416044-\$.DID. OR US-5428634-\$.DID. OR US-5438584-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S66	32	US-5446754-\$.DID. OR US-5465263-\$.DID. OR US-5475701-\$.DID. OR US-5493577-\$.DID. OR US-5497390-\$.DID. OR US-5513202-\$.DID. OR US-5530715-\$.DID. OR US-5555255-\$.DID. OR US-5557626-\$.DID. OR US-5561683-\$.DID. OR US-5567980-\$.DID. OR US-5568498-\$.DID. OR US-5568499-\$.DID. OR US-5574738-\$.DID. OR US-5581571-\$.DID. OR US-5586131-\$.DID. OR US-5590145-\$.DID. OR US-5598100-\$.DID. OR US-5606572-\$.DID. OR US-5625729-\$.DID. OR US-5642376-\$.DID. OR US-5645462-\$.DID. OR US-5646978-\$.DID. OR US-5648978-\$.DID. OR US-5679963-\$.DID. OR US-5692083-\$.DID. OR US-5696023-\$.DID. OR US-5699373-\$.DID. OR US-5712188-\$.DID. OR US-5726805-\$.DID. OR US-5727013-\$.DID. OR US-5727014-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S67	32	US-5774487-\$.DID. OR US-5778018-\$.DID. OR US-5781575-\$.DID. OR US-5784399-\$.DID. OR US-4790733-\$.DID. OR US-5805624-\$.DID. OR US-5818066-\$.DID. OR US-5828684-\$.DID. OR US-5838705-\$.DID. OR US-5838715-\$.DID. OR US-5892784-\$.DID. OR US-5892727-\$.DID. OR US-5896408-\$.DID. OR US-5901166-\$.DID. OR US-5903588-\$.DID. OR US-5903589-\$.DID. OR US-5903590-\$.DID. OR US-5908408-\$.DID. OR US-5936266-\$.DID. OR US-5940422-\$.DID. OR US-5953362-\$.DID. OR US-5978401-\$.DID. OR US-5978408-\$.DID. OR US-5995531-\$.DID. OR US-6002705-\$.DID. OR US-6008675-\$.DID. OR US-6014395-\$.DID. OR US-6043104-\$.DID. OR US-6046065-\$.DID. OR US-6055262-\$.DID. OR US-6052398-\$.DID. OR US-6060743-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
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S68	32	US-6078601-\$.DID. OR US-6086263-\$.DID. OR US-6133590-\$.DID. OR US-6144682-\$.DID. OR US-6154480-\$.DID. OR US-6185241-\$.DID. OR US-6191890-\$.DID. OR US-6208681-\$.DID. OR US-6212312-\$.DID. OR US-6238944-\$.DID. OR US-6269109-\$.DID. OR US-6297068-\$.DID. OR US-6302596-\$.DID. OR US-6339496-\$.DID. OR US-6369403-\$.DID. OR US-6372533-\$.DID. OR US-6392257-\$.DID. OR US-6410941-\$.DID. OR US-6411638-\$.DID. OR US-6427066-\$.DID. OR US-6455879-\$.DID. OR US-6459709-\$.DID. OR US-6459713-\$.DID. OR US-6462360-\$.DID. OR US-6472694-\$.DID. OR US-6477285-\$.DID. OR US-6487230-\$.DID. OR US-6487231-\$.DID. OR US-6490711-\$.DID. OR US-6493371-\$.DID. OR US-6493372-\$.DID. OR US-6493173-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
S69	8	US-6496621-\$.DID. OR US-6498358-\$.DID. OR US-6501973-\$.DID. OR US-6515308-\$.DID. OR US-6535541-\$.DID. OR US-6542531-\$.DID. OR US-6567435-\$.DID. OR US-6536959-\$.DID.	USPAT	OR	ON	2005/06/22 09:57
S70	2	((("20010004414") or ("20030072526"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 09:57
S71	233	S62 S63 S64 S65 S66 S67 S68 S69 S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 09:57
S72	72	S71 and (annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:00

S73	38	S71 and (annular with (light or beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:00
S74	25	("4516022" "4617926" "4660925" "4678268" "4733937" "4740047").PN. OR ("4842390").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:01
S75	11	("5381499" "5504826" "5661835" "5963696" "6064786" "6264377").PN. OR ("6496621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 10:09
S76	705	coupl\$3 same (fiber or waveguide or fibre) same (lens with convex)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:12
S77	9	coupl\$3 same (fiber or waveguide or fibre) same (lens with convex) same (annular with (light or beam))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 10:13
S78	3	((("6459708") or ("5812581") or ("20050013539")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 13:18
S79	0	("2005/0013539").URPN.	USPAT	OR	ON	2005/06/22 13:26
S80	410	((annular with (light or beam)) same (fiber or fibre) same lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 13:30
S81	57983	"385"/.cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 13:46
S82	1	("6496621").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 13:47
S83	11	("5381499" "5504826" "5661835" "5963696" "6064786" "6264377").PN. OR ("6496621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 13:47

S84	410	((annular with (light or beam)) same (fiber or fibre) same lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:09
S85	11	((annular with (light or beam)) same (fiber or fibre) same (axicon with lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:00
S86	0	("2004/0264854").URPN.	USPAT	OR	ON	2005/06/22 14:01
S87	2	((("3419321") or ("3947093")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 14:06
S88	32	("1988946" "3419321" "3547526" "3632955" "3826561").PN. OR ("3947093").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/22 14:07
S89	5795	((annular with (light or beam)) same ((fiber or fibre) with coupl\$4 lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:09
S90	16	((annular with (light or beam)) same ((fiber or fibre) with coupled with lens))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:11
S91	151	(convex with lens) same coupled same (fiber or fibre) same (source or laser or LED or diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:12
S92	22	(convex with lens) same coupled same (fiber or fibre) same (source or laser or LED or diode) same detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:23
S93	1	("6496621").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 14:30
S94	47	source same ((fiber or fibre) with adjacent with lens) same detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/22 14:31

S95	85	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/27 16:05
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S96	22	S95 and (laser same (LED or diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 16:18
S97	51	S95 and (source with fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/27 16:18

S98	85	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/28 08:18
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S99	85	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$).did. or (US-3514200-\$).did. or (GB-2178554-\$).did. or (JP-06059165-\$).did. or (EP-702230-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/28 08:20
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S10 0	19	S98 and (focal adj point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:10
S10 1	1	S98 and ((focal adj point) with detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:25
S10 2	0	("2004/0126059").URPN.	USPAT	OR	ON	2005/06/28 08:56
S10 3	60	S98 and (fiber with lens)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:10
S10 4	31	S98 and (ring or annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:25
S10 5	14321	(conical or axicon or plano\$convex or (plano near2 convex) or (rotation\$3 near2 symmetric)) with (lens\$2 or prism)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 14:09
S10 6	1511	S105 and fiber and (photo\$diode or detector or receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 14:11
S10 7	1342	S106 and reflect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 14:11
S10 8	170	S106 and ("359"/.298,485,487, 577,580-581,642,708-712, 717-718,720,724,726-728.ccls. or 385/15,31,33-36,38-39,50.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:40
S10 9	0	("2004/0264855").URPN.	USPAT	OR	ON	2006/01/09 15:26

S11 0	0	("6961489").URPN.	USPAT	OR	ON	2006/01/09 15:27
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S11 1	245	("20010004414" "20030072526" "3271631" "3419321" "3848970" "3936742" "3980391" "4128302" "4317085" "4408871" "4466694" "4483585" "4490618" "4660207" "4675058" "4678269" "4681414" "4755036" "4765703" "4784722" "4816912" "4818058" "4829537" "4834484" "4842390" "4885592" "4894785" "4901327" "4935029" "4943128" "4943970" "4956844" "4961622" "4976727" "5001323" "5029101" "5029973" "5031187" "5047076" "5052016" "5052772" "5056098" "5062115" "5068869" "5079774" "5115442" "5117469" "5140605" "5157537" "5158908" "5170406" "5212706" "5216263" "5216680" "5237581" "5245622" "5258990" "5262360" "5285466" "5293392" "5312398" "5317170" "5317587" "5325386" "5331654" "5337074" "5337183" "5349599" "5351256" "5354323" "5359447" "5359618" "5363397" "5373520" "5373522" "5376580" "5386426" "5390209" "5396508" "5400145" "5402258" "5404373" "5404869" "5412678" "5412680" "5414600" "5415652" "5416044" "5428634" "5430634" "5438584" "5446754" "5458594" "5465263" "5467104" "5470314" "5475701" "5491344" "5493577" "5495576" "5497390" "5509095" "5513202" "5530709" "5530715" "5555255" "5557626" "5561683" "5567980" "5568498" "5568499" "5574738" "5577492" "5581571" "5586131" "5586143" "5594752" "5596339" "5598300" "5600126"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:27
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S11 2	172	S106 and ("359"/298,485,487, 577,580-581,642,708-712, 717-718,720,724,726-728.ccls. or 385/15,31,33-36,38-39,50.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:40
S11 3	2	S112 not S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:40
S11 4	9	S106 and "359"/652-654.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:41
S11 5	5	S114 not S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:41

S11 6	758	("1202223" "1887650" "20010004414" "20030016539" "20030026002" "20030072526" "20030075167" "20030132495" "2101016" "2133378" "2254961" "2362175" "2405989" "2458401" "2474327" "2732488" "2759393" "3185975" "3195405" "3271631" "3409885" "3419321" "3453036" "3497303" "3508807" "3534462" "3547526" "3616098" "3637993" "3649098" "3655275" "3710091" "3718814" "3759590" "3805048" "3809455" "3829195" "3832030" "3848970" "3883353" "3886544" "3901582" "3902784" "3902786" "3910677" "3912362" "3912364" "3931518" "3932023" "3932184" "3933409" "3933455" "3936141" "3936742" "3937557" "3941121" "3941474" "3944327" "3947093" "3954338" "3975082" "3977764" "3980391" "3985424" "3999855" "4011005" "4021099" "4027945" "4040893" "4040897" "4055458" "4057719" "4067937" "4077701" "4078852" "4082435" "4088387" "4089583" "4092059" "4099848" "4102559" "4103154" "4109998" "4118270" "4128302" "4135780" "4137060" "4140367" "4143940" "4159863" "4165496" "4170731" "4173390" "4181439" "4184739" "4193661" "4193663" "4193664" "4213670" "4229197" "4243399" "4246016" "4265511" "4265699" "4290667" "4317085" "4329017" "4337759" "4365863" "4370021" "4398790" "4406732" "4408871" "4412720" "4447726" "4450509" "4456330" "4466604"	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:43
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S11 7	41	S106 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:52
S11 8	13	S117 not S108	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:50
S11 9	28	S117 not S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 15:52

S12 0	112	(US-20020118920-\$ or US-20020134138-\$ or US-20030012513-\$ or US-20030016420-\$ or US-20030053751-\$ or US-20030067049-\$ or US-20030072526-\$ or US-20030113231-\$ or US-20030138210-\$ or US-20040047535-\$ or US-20040101247-\$ or US-20040126059-\$ or US-20040160682-\$ or US-20040264854-\$ or US-20050013539-\$ or US-20020154413-\$ or US-20020191911-\$ or US-20030076598-\$).did. or (US-3796905-\$ or US-3906241-\$ or US-3910677-\$ or US-3947093-\$ or US-4021099-\$ or US-4050782-\$ or US-4290667-\$ or US-4357104-\$ or US-4380365-\$ or US-4449535-\$ or US-4479697-\$ or US-4516252-\$ or US-4572669-\$ or US-4591241-\$ or US-4596460-\$ or US-4637681-\$ or US-4755054-\$ or US-4763969-\$ or US-4764015-\$ or US-4773722-\$ or US-4816670-\$ or US-4818860-\$ or US-4830454-\$ or US-4842390-\$ or US-4914284-\$ or US-4957342-\$).did. or (US-4978190-\$ or US-5011254-\$ or US-5011279-\$ or US-5013120-\$ or US-5074632-\$ or US-5146917-\$ or US-5196005-\$ or US-5247493-\$ or US-5250796-\$ or US-5269777-\$ or US-5330465-\$ or US-5402508-\$ or US-5432880-\$ or US-5436719-\$ or US-5546486-\$ or US-5598394-\$ or US-5631885-\$ or US-5652655-\$ or US-5764840-\$ or US-5773817-\$ or US-5900986-\$ or US-5946084-\$ or US-5953477-\$ or US-5963696-\$ or US-6144791-\$ or US-6168319-\$ or US-6172745-\$).did. or (US-6174424-\$ or US-6208783-\$ or US-6222970-\$ or US-6320184-\$ or US-6366726-\$ or US-6469835-\$ or US-6490040-\$ or US-6496621-\$ or US-6538736-\$ or US-6614958-\$ or US-6701181-\$ or US-6731437-\$ or US-6822794-\$ or US-4102559-\$ or US-4128302-\$ or US-4178066-\$ or US-4181439-\$ or US-4496211-\$ or US-4818049-\$ or US-4834484-\$ or US-4846543-\$ or US-4892375-\$ or US-4866622-\$ or US-5101457-\$ or US-5402510-\$ or US-5815318-\$ or US-6438790-\$).did. or	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/09 15:55
Search History 1/10/06 1:46:18 PM Page 4 of 5 C:\Documents and Settings\depis\My Documents\AS\Workspaces\10781466.wsp						

S12 1	42	S120 and (ring or annular)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 16:58
S12 2	49	S120 and (back with (coupl\$3 or reflect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/09 16:58